To: Way, Steven[way.steven@epa.gov]; Matt Francis[m.francis@erllc.com]; Carla Copeland[c.copeland@erllc.com]
Cc: Towle, Michael[Towle.Michael@epa.gov]; Guy, Kerry[Guy.Kerry@epa.gov]; Powell, Greg[Powell.Greg@epa.gov]
From: Art Slayton
Sent: Fri 8/21/2015 8:10:09 PM
Subject: RE: Titration Report

I will be up first thing in the morning. I am waiting for confirmation to have 4 pallets of Lime delivered tomorrow. Cement will be delivered in the morning. I am confirming with Vendor that can respond the quickest there availability to deliver turn-key based on conditions and status tomorrow. It should be a quick response, also waiting for confirmation.

Art Slayton

Response Manager

Environmental Restoration

6940 Commercial Dr.

Morrow, GA 30260

c: 912-656-7211

o: 770-961-9272 ext. 2204

F: 636-680-2551

http://www.erllc.com

From: Way, Steven [mailto:way.steven@epa.gov]
Sent: Friday, August 21, 2015 12:54 PM

To: Matt Francis <m.francis@erllc.com>; Carla Copeland <c.copeland@erllc.com>; Art Slayton <a.slayton@erllc.com>
Cc: Towle, Michael <Towle.Michael@epa.gov>; Guy, Kerry <Guy.Kerry@epa.gov>
Subject: Fwd: Titration Report

Please plan accordingly to use lime as soon as possible as discussed yesterday and have a contingency of sufficient NaOH for a week. Hopefully the Omni recirculating will improve our efficiency w NaOH.

It appears that we need more lime soon.

Please acknowledge.

Steve

Sent from my iPhone

Begin forwarded message:

> **From:** "Neville Kingham" <neville@kinghamcsi.com>
> **To:** "Way, Steven" <way.steven@epa.gov>
> **Cc:** "Powell, Greg" <Powell.Greg@epa.gov>, "'Christner, Jan'" <Jan.Christner@WestonSolutions.com>
> **Subject: FW: Titration Report**
>
> Steve, based upon the enclosed Titration report the following amounts of sodium hydroxide or calcium hydroxide should be used to reach the desired pH level. These calculations are based upon a 500 gallons per minute flow rate;
>
> Sodium hydroxide
>
> · pH 7.5, 1080 gallons of 25% per day
>
> · pH 6, 930 gallons of 25% per day
>
> · pH 5, 790 gallons of 25% per day
>
> Calcium hydroxide

- pH 7.5, 790 lbs per day
- pH 6, 720 lbs per day
- pH 5, 500 lbs per day

Calcium hydroxide can be made into slurry and pumped

Remember this data was formulated from 1 grab sample, monitoring must continue for pH and floc development.

I strongly recommend going with calcium hydroxide,

Thanks,
Neville

Neville,

Please find the titration report attached. It is very informal as we discussed. Please let me know if you would like me to create a more formal format, add additional information or revise information.

Thanks,

Moira Pryhoda
Weston Solutions, Inc.
1435 Garrison St, Ste 100
Lakewood, CO 80215
Ph: 303-729-6112
Cell: 508-904-7579

has been scanned for malware, the sender does not accept any responsibility for any loss, disruption or damage to your data or computer system that may occur while using data contained in, or transmitted with, this e-mail. If you have received this e-mail in error, please immediately notify by return e-mail. Thank you.